INFORMATION DISCLOSURE CITATION IN AN APPLICATION

Docket Number

M4065.133/P133-B

Application Number

Not Yet Assigned

Applicant(s)

Brian Vaartstra and Donald Westmoreland

Filing Date

Group Art Unit

U.S. PATENT DOCUMENTS

	_	<u> </u>	T 0.3.	PATENT DOCUMENTS			
*EXAMINER REF		DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
· 0//	A	A 5,567,964 10/22		Kashihara et al.		———	9/11/95
·	В	5,688,724		Yoon et al.		 	12/23/94
• 🗥	c	5,406,447	+	Miyazaki		 	12/29/92
· /\	D	5,362,632	11/8/94	Mathews			2/8/94
· (%)	E	5,690,727		Azuma et al.		 	1/27/97
• (7)(-	F	5,568,352	10/22/96				11/16/95
• //	G	5,686,339		Lee et al.		 	7/30/96
• 7)(H	5,679,980		Summerfelt		 	12/19/96
• (*)(i -	5,142,438	8/25/92	Reinberg et al.			11/15/91
· (Y)	J	5,696,018	12/9/97	Summerfelt et al.		 	6/7/95
· (X)/	ĸ	5,504,041	4/2/96	Summerfelt		 	8/1/94
· 71X	L	5,665,628	9/9/97	Summerfelt			6/7/95
	М	5,585,300		Summerfelt		 	8/1/94
• 📈	N	5,187,638	2/16/93	Sandhu et al.			7/27/92
•	0	5,198,386	3/30/93	Gonzalez		 	6/8/92
- \/\/	P	5,464,786	11/7/95	Figura et al.		+	10/24/94
- \	Q.	5,478,772	12/26/95			 	2/17/95
· /\}	R	5,498,562	3/12/96	Dennison et al.		 	4/29/94
· ///	s	5,506,166	4/9/96	Sandhu et al.		 	9/27/94
· XV	T	5,605,857	2/25/97	Jost et al.			2/22/95
* /1/2-	U	5,654,222	8/5/97	Sandhu et al.			
• 🗡	Ѷ	5,654,224	8/5/97	Figura et al.			5/17/95
· > 1/2°	w	5,663,088	9/2/97	Sandhu et al.		 	7/25/96
- XI >	X	5,717,250	2/10/98	Schuele et al.		 	5/19/95
* > 1	Ŷ	5,760,474	6/2/98	Schuele et al.		ļ	3/7/96
- //	Z	6,090,697	7/18/00			- 	7/9/96
· ×	A1	6,294,420	9/2001	Xing et al.		 	
• 50	B1			Tsu et al.		 	ļ <u>.</u>
	C1	6,365,527	4/2002	Lu et al.		 	
	D1	5,489,548	2/1996	Nishioka et al.		<u> </u>	
- / / / / - 	E1	5,834,803	11/1998	Hashimoto, Keiichi			
. 1		5,895,938	4/1999	Watanabe et al.		 	
- XIV -	F1 G1	5,486,492	1/1996	Yamamoto et al.		- 	
- /49	_	6,320,213	11/2001	Kirlin et al.		 	
- 44	H1	6,455,419	09/2002	Konecni et al.		 	
- (7)	11	6,194,754	02/2001	Aggarwal et al.		-	
	J1	5,414,301	5/1995	Thomas, Michael E.			
, ////		5,899,740	5/1999	Kwon, Chul-soon			
		6,054,331	4/2000	Woo et al.		ļ	
		6,100,200	8/2000	Van Buskirk et al.			
		5,851,896	12/1998	Summerfelt, Scott R.		_	
		6,284,646	9/2001	Leem, Hyeun-Seog		 	
	P1	6,580,111	6/2003	Kim et al.			

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Not Yet Assigned

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			IN AN ALL DION.		Brian Vaartstra and Donald Westmoreland									
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					7			_						
	FOREIGN PATENT DOCUMENTS													
	0.16	REF	DOCUMENT NO.	DATE		COUNTRY	CLASS	SUI	BCLASS	Translations				
*	-0%	AA	EP 0 770 862 A1	02.05.1997	Europ	e				x				
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)														
*	ON	BB	Matsuhashi et al., Optimum Electrode Materials for Ta ₂ O ₃ Capacitors at High and Low											
Temperature Processes, Extended Abstract of the 1993 International Conference Solid State Devices and Materials, Makuhari, 1993, pp. 853-855.									nce on					
*	CK	СС												
*	ON	DD Shappirio, et al., <i>Diboride Diffusion Barriers in Silicon and GaAs Technology</i> , J. Vac. Sci. Technol. B, Vol. 4, No. 6, Nov/Dec 1986, pp. 1409-1415.												
*	OK	EE Rebhoiz, et al., Structure, Mechanical and Tribological Properties of Ti-B-N and Ti-Al-B-N Multiphase Thin Films Produced by Electron-Beam Evaporation", J. Vac. Sci. Technol.												
	A 16(5), Sep/Oct 1998, pp. 2850-2857.													

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EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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DATE CONSIDERED

1/23/04

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